

CURRENT LISTING OF CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1           1.       (Previously Presented) A method of enhancing a life span of a read/write storage  
2 medium, the method comprising the steps of:  
3               identifying whether a file on a read/write storage medium is a static file or a  
4               dynamic file;  
5               migrating the file to a dynamic region of the read/write storage medium if the file  
6               is a static file; and  
7               migrating the file to a static region of the read/write storage medium if the file is a  
8               dynamic file.
- 1           2.       (Original) The method of claim 1, the identifying step comprising the step of:  
2               counting a number of rewrite cycles of the file.
- 1           3.       (Original) The method of claim 2, the identifying step comprising the step of:  
2               comparing the number of rewrite cycles of the file to a predetermined rewrite  
3               cycle threshold.
- 1           4.       (Original) The method of claim 3, wherein the predetermined rewrite cycle  
2 threshold is associated with a read/write storage medium identifier.
- 1           5.       (Original) The method of claim 3, wherein the predetermined rewrite cycle  
2 threshold is associated with a drive identifier for the read/write storage medium.
- 1           6.       (Original) The method of claim 3, wherein the predetermined rewrite cycle  
2 threshold is based on self-testing by performing rewrite cycles to a data block of the read/write  
3 storage medium until the data block is unstable.
- 1           7.       (Original) The method of claim 3, wherein the predetermined rewrite cycle  
2 threshold is stored in a file allocation table.

1           8.       (Original) The method of claim 2, wherein the number of rewrite cycles of the  
2 file is stored in a file allocation table.

1           9.       (Original) The method of claim 1, wherein the read/write storage medium  
2 comprises a compact disk read/write disk.

1           10.      (Original) The method of claim 1, wherein the read/write storage medium  
2 comprises a tape drive.

1           11.      (Original) The method of claim 1, wherein the read/write storage medium  
2 comprises a floppy disk drive.

1           12.      (Original) The method of claim 1, wherein the read/write storage medium  
2 comprises an electrically erasable medium.

1           13.      (Previously Presented) A file system adapted to enhance a life span of a  
2 read/write storage medium, the system comprising:  
3                a means for identifying whether a file on a read/write storage medium is a static  
4 file or a dynamic file;  
5                a means for migrating the file to a dynamic region of read/write storage medium if  
6 the file is a static file; and  
7                a means for migrating the file to a static region of the read/write storage medium  
8 if the file is a dynamic file.

1           14.      (Original) The file system of claim 13, the means for identifying comprising:  
2 a counter to count a number of rewrite cycles of the file.

1           15.      (Original) The file system of claim 14, the means for identifying comprising:  
2 a means for comparing the number of rewrite cycles of the file to a predetermined  
3 rewrite cycle threshold.

1           16.     (Previously Presented) The file system of claim 13, the means for identifying  
2 comprising:  
3                   a means for identifying a file type of the file, wherein the file is initially identified  
4 as static or dynamic based on the file type of the file.

1           17.     (Previously Presented) A computer system adapted for enhancing a life span of a  
2 read/write storage medium, the system comprising:  
3                   a processor-executable file system adapted to:  
4                         identify whether a file on a read/write storage medium is a static file or a  
5 dynamic file;  
6                         migrate the file to a dynamic region of the read/write storage medium in  
7 response to identifying the file as a static file; and  
8                         migrate the file to a static region of the read/write storage medium in  
9 response to identifying the file as a dynamic file.

1           18.     (Previously Presented) The computer system of claim 17, wherein the file system  
2 identifies the file as a static file or dynamic file based on counting a number of rewrite cycles of  
3 the file.

1           19.     (Previously Presented) The computer system of claim 18, wherein the file system  
2 identifies the file as a static file or dynamic file based on comparing the number of rewrite cycles  
3 of the file to a predetermined rewrite cycle threshold.

1           20. – 27. (Cancelled)

1           28.     (Previously Presented) The method of claim 1, wherein identifying whether the  
2 file is a static file or a dynamic file comprises initially identifying whether the file is a static file  
3 or a dynamic file based on a type of the file.

1           29.     (Previously Presented) The method of claim 28, wherein identifying whether the  
2     file is a static file or a dynamic file comprises reclassifying the file, based on a number of rewrite  
3     cycles to the file, from the initial identification of a static file or a dynamic file.

1           30.     (Previously Presented) The method of claim 3, further comprising setting the  
2     predetermined rewrite cycle threshold based on a type of the read/write storage medium.

1           31.     (Previously Presented) The file system of claim 16, wherein the means for  
2     identifying whether the file is a static file or dynamic file reclassifies the file, based on a number  
3     of rewrite cycles to the file, from the initial identification of a static file or a dynamic file.